

## Regional HIV/AIDS Epidemiologic Profile of Springfield, Massachusetts: FY 2008

**Table 1. Total number of people reported with HIV infection or AIDS<sup>1</sup> by mortality status on December 31, 2007 Springfield, Massachusetts**

	<b>N</b>	<b>%</b>
People Living with HIV/AIDS	1,093	58%
People Reported with HIV or AIDS who are Deceased	799	42%
Total Number of People Reported with HIV Infection or AIDS	<b>1,892</b>	<b>100%</b>

<sup>1</sup> Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

**Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07<sup>1</sup>: Springfield, Massachusetts**

<b>Average annual HIV diagnosis rate from 2004–2006</b>	<b>Average Rate per 100,000</b>	<b>Average Number of HIV Diagnoses</b>
Springfield, MA	44 per 100,000	67
Massachusetts Total	13 per 100,000	857
<b>Rate of people living with HIV/AIDS on 12/31/07</b>	<b>Rate per 100,000</b>	<b>Number of People Living with HIV/AIDS</b>
Springfield, MA	719 per 100,000	1,093
Massachusetts Total	267 per 100,000	16,977

<sup>1</sup> Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

**Table 3. People living with HIV/AIDS<sup>1</sup>, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year<sup>2</sup>: 1999–2006, Springfield, Massachusetts**

<b>Year</b>	<b>HIV/AIDS Prevalence</b>	<b>Deaths among those with HIV/AIDS</b>	<b>Diagnosis of HIV Infection</b>
1999	788	28	100
2000	833	37	82
2001	873	30	70
2002	913	29	69
2003	953	38	78
2004	1,009	28	84
2005	1,049	26	66
2006	1,071	28	50

<sup>1</sup> Number of People living with HIV/AIDS on 12/31 of each year

<sup>2</sup> Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis  
Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

**Table 4. People diagnosed with HIV infection from 2004–2006<sup>1</sup> and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Springfield, Massachusetts**

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	125	63%	668	61%
Female	75	38%	425	39%
Place of Birth:	N	%	N	%
US	120	60%	742	68%
Puerto Rico/US Dependency <sup>2</sup>	58	29%	307	28%
Non-US	22	11%	44	4%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	24	12%	172	16%
Black (non-Hispanic)	55	28%	290	27%
Hispanic	116	58%	621	57%
Other/Undetermined <sup>3</sup>	5	3%	10	1%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	39	20%	191	17%
Injection Drug Use (IDU)	56	28%	387	35%
MSM/IDU	2	1%	37	3%
Heterosexual Sex	31	16%	202	18%
Other	1	1%	30	3%
Total Undetermined	71	36%	246	23%
• Presumed Heterosexual Sex <sup>4</sup>	47	24%	179	16%
• Undetermined <sup>5</sup>	24	12%	67	6%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	1	1%	5	<1%
13 to 19	6	3%	20	2%
20 to 24	9	5%	17	2%
25 to 29	21	11%	46	4%
30 to 34	25	13%	62	6%
35 to 39	41	21%	150	14%
40 to 44	33	17%	240	22%
45 to 49	32	16%	235	22%
50 to 54	18	9%	164	15%
55 to 59	5	3%	85	8%
60+	9	5%	69	6%
<b>Total</b>	<b>200</b>	<b>100%</b>	<b>1,093</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

<sup>2</sup> Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

<sup>3</sup> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

<sup>4</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>5</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up  
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

**Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Springfield, Massachusetts**

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	132	20%	40	9%
Black Non-Hispanic	164	25%	126	30%
Hispanic	367	55%	254	60%
Other/Undetermined <sup>1</sup>	5	1%	5	1%
<b>Total</b>	<b>668</b>	<b>100%</b>	<b>425</b>	<b>100%</b>

<sup>1</sup> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

**Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Springfield, Massachusetts**

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	191	29%	N/A	N/A
Injection drug use (IDU)	277	41%	110	26%
MSM/IDU	37	6%	N/A	N/A
Heterosexual sex	42	6%	160	38%
Other	19	3%	11	3%
Total Undetermined	102	15%	144	34%
• Presumed heterosexual sex <sup>1</sup>	67	10%	112	26%
• Undetermined <sup>2</sup>	35	5%	32	8%
<b>Total</b>	<b>668</b>	<b>100%</b>	<b>425</b>	<b>100%</b>

<sup>1</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>2</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

**Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Springfield, Massachusetts, before 1999, 1999–2006<sup>1</sup>**

	Male		Female		Total
	N	%	N	%	
< 1999	852	67%	416	33%	1,268
1999	58	58%	42	42%	100
2000	56	68%	26	32%	82
2001	50	71%	20	29%	70
2002	43	62%	26	38%	69
2003	45	58%	33	42%	78
2004	44	52%	40	48%	84
2005	48	73%	18	27%	66
2006 <sup>2</sup>	33	66%	17	34%	50

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

**Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Springfield, Massachusetts, before 1999, 1999–2006<sup>1</sup>**

	White NH		Black NH		Hispanic		Other/ Undetermined <sup>2</sup>		Total
	N	%	N	%	N	%	N	%	
< 1999	273	22%	408	32%	586	46%	1	<1%	1,268
1999	15	15%	28	28%	55	55%	2	2%	100
2000	9	11%	28	34%	45	55%	0	0%	82
2001	14	20%	15	21%	41	59%	0	0%	70
2002	14	20%	20	29%	34	49%	1	1%	69
2003	13	17%	22	28%	42	54%	1	1%	78
2004	9	11%	23	27%	50	60%	2	2%	84
2005	6	9%	20	30%	37	56%	3	5%	66
2006 <sup>3</sup>	9	18%	12	24%	29	58%	0	0%	50

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

<sup>3</sup> 2006 data are preliminary

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

**Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Springfield, Massachusetts, before 1999, 1999–2006<sup>1</sup>**

	US		Puerto Rico/ US Dependency <sup>2</sup>		Non-US		Total
	N	%	N	%	N	%	
< 1999	867	68%	371	29%	30	2%	1,268
1999	70	70%	29	29%	1	1%	100
2000	62	76%	18	22%	2	2%	82
2001	48	69%	20	29%	2	3%	70
2002	49	71%	16	23%	4	6%	69
2003	57	73%	16	21%	5	6%	78
2004	49	58%	23	27%	12	14%	84
2005	37	56%	23	35%	6	9%	66
2006 <sup>3</sup>	34	68%	12	24%	4	8%	50

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

<sup>3</sup> 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

**Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Springfield, Massachusetts, before 1999, 1999–2006<sup>1</sup>**

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX <sup>2</sup>		Undeter- mined <sup>3</sup>		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	219	17%	644	51%	54	4%	187	15%	38	3%	80	6%	46	4%	1,268
1999	15	15%	32	32%	3	3%	28	28%	3	3%	17	17%	2	2%	100
2000	13	16%	31	38%	5	6%	15	18%	1	1%	14	17%	3	4%	82
2001	17	24%	28	40%	2	3%	9	13%	0	0%	8	11%	6	9%	70
2002	11	16%	25	36%	3	4%	15	22%	0	0%	12	17%	3	4%	69
2003	16	21%	20	26%	1	1%	10	13%	1	1%	22	28%	8	10%	78
2004	11	13%	20	24%	1	1%	19	23%	1	1%	22	26%	10	12%	84
2005	13	20%	26	39%	0	0%	5	8%	0	0%	14	21%	8	12%	66
2006 <sup>4</sup>	15	30%	10	20%	1	2%	7	14%	0	0%	11	22%	6	12%	50

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>3</sup> Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

<sup>4</sup> 2006 data are preliminary

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

**Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Springfield, Massachusetts, 1999–2006<sup>1</sup>**

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	24	100	24%
2000	19	82	23%
2001	15	70	21%
2002	14	69	20%
2003	15	78	19%
2004	19	84	23%
2005	16	66	24%
2006	12	50	24%

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS  
Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

**Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Springfield, Massachusetts, 2004–2006<sup>1</sup>**

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
<b>Gender:</b>	<b>N</b>	<b>N</b>	<b>%</b>
Male	29	125	23%
Female	18	75	24%
<b>Race/Ethnicity:</b>	<b>N</b>	<b>N</b>	<b>%</b>
White (non-Hispanic)	6	24	25%
Black (non-Hispanic)	18	55	33%
Hispanic	22	116	19%
Other/Undetermined <sup>2</sup>	1	5	20%
<b>Place of Birth:</b>	<b>N</b>	<b>N</b>	<b>%</b>
US	27	120	23%
Puerto Rico/US Dependencies <sup>3</sup>	12	58	21%
Non-US	8	22	36%
<b>Total</b>	<b>47</b>	<b>200</b>	<b>24%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

<sup>2</sup> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

<sup>3</sup> Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08